

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

147657

Wednesday, June 08, 2016 2:50:10 PM

Accept

N900040100

Setup Start *NS1*

Stop *NS2*

Cust Item ID:

Start Date: 6/22/2016 **Start Qty:** 1.00 ***1***

Customer:

Required Date: 6/24/2016 **Req'd Qty:** 1.00 *** 1 ***

Reference:

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Operation Description

Set Up/
Run Hours**Tool ID****Tool #****Plan
Code**Accept
QtyReject
QtyReject
Number

**Insp.
Stamp**

130

Identify as per dwg & Stock Location:

0.00

130

Packaging

Memo

0.00

PR146375

DAS
27
9-8'

OCT 20 7 016

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.02

DAS
21
9-89

OCT 21 2016

Quality Control

DAS
21
9-89

OCT 21 2016

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

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Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								

Picklist Print

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Page 1

Work Order ID: 147657

147657

Parent Item: D4272-011

D4272-011

Parent Item Name: Basket Assembly, Heavy Duty Lid, LH

Start Date: 6/22/2016

Required Date: 6/24/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 11.01.20 AS PER DWG REV.C DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
97447A010 *97447A010* Blind Rivet		Purchased	No				Each	160.0000	**	4		OCT 17 2016	DAS 6 9-89
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				ST589			160						
				m131311			160						
AN3-16A *AN3-16A* Bolt		Purchased	No				Each	104.0000	**	2		OCT 17 2016	DAS 6 9-89
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				GA			45						
				117441			45						
				ST348			59						
				M133790			9						
				M134943			50						
D3914-041 *D3914-041* Long Basket Lid Assembly (350)		Manufactured	No				Each	0.0000	**	1			
D4273-041 *D4273-041* Basket Base Assembly, LH		Manufactured	No				Each	0.0000	**	1			

B147844 (1x) 2016/10/15
B147845 (1x) 2016/10/15

DQA: _____ Date: _____



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Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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OTHER : ☐					

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Work Order ID: 147657

147657

Parent Item: D4272-011

D4272-011

Parent Item Name: Basket Assembly, Heavy Duty Lid, LH

Start Date: 6/22/2016

Required Date: 6/24/2016

Start Qty: 1.00

Required Qty: 1.00

D4307-250 Manufactured No

Each 7.0000 1

D4307-250

Placard, Max Load

**

DAS
6
9-89

OCT 17 2016

Location

Loc Qty

Loc Code

ST091

7

131263

1

143815

6

D2530 Manufactured No

Each 2.0000 1

D2530

Handle Weldment

**

DAS
6
9-89

OCT 17 2016

Location

Loc Qty

Loc Code

ST379

2

144234

2

D2535 Manufactured No

Each 79.0000 2

D2535

D2535

Spring

**

DAS
6
9-89

OCT 17 2016

Location

Loc Qty

Loc Code

ST008

54

139657

4

143808

25

144488

25

ST012a

25

146275

25

D2537 Manufactured No

Each 37.0000 2

D2537

D2537

Bushing

**

DAS
6
9-89

OCT 17 2016

Location

Loc Qty

Loc Code

ST008

37

141583

37

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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		OTHER : ☐							

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Work Order ID: 147657

147657

Parent Item: D4272-011

D4272-011

Parent Item Name: Basket Assembly, Heavy Duty Lid, LH

Start Date: 6/22/2016

Required Date: 6/24/2016

Start Qty: 1.00

Required Qty: 1.00

D2690-6

Manufactured No

Each

25.0000

2

**

149609

DAS 6 9-89 OCT 20 2016

D2690-6
Lanyard

Location

Loc Qty

Loc Code

ST009

25

144944

1

146036

24

D2931

Manufactured No

Each

1,561.000

2

**

OCT 17 2016

DAS 6 9-89

D2931
Bumper

Location

Loc Qty

Loc Code

ST013

238

86435

238

ST025A

1323

86435

1323

D3912-041

Manufactured No

Each

1.0000

1

**

145538

DAS 6 9-89

D3912-041
Eyebolt Receiver Assy

Location

Loc Qty

Loc Code

ST057

1

144827

1

D3917-3

Manufactured No

Each

62.0000

6

**

146855

OCT 17 2016

D3917-3
Washer

Location

Loc Qty

Loc Code

ST058

62

144664

62

OCT 17 2016

DAS 6 9-89

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		OTHER : ☐							

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Work Order ID: 147657

147657

Parent Item: D4272-011

D4272-011

Parent Item Name: Basket Assembly, Heavy Duty Lid, LH

Start Date: 6/22/2016

Required Date: 6/24/2016

Start Qty: 1.00

Required Qty: 1.00

D3953-3 Manufactured No

Each 40.0000 2

D3953-3

Gas Spring Stud, Lid

**

OCT 17 2016

DAS
9-89

Location

Loc Qty

Loc Code

ST062

40

141606

5

144775

35

2

D3953-7 Manufactured No

Each 42.0000 2

D3953-7

Spring Spacer

**

OCT 17 2016

DAS
9-89

Location

Loc Qty

Loc Code

ST062

42

138972

3

144665

39

2

D3953-9 Manufactured No

Each 44.0000 2

D3953-9

Gas Spring Washer

**

OCT 17 2016

DAS
9-89

Location

Loc Qty

Loc Code

ST062

44

147022

44

2

D3953-17 Manufactured No

Each 46.0000 2

D3953-17

Gas Spring Spacer

**

OCT 17 2016

DAS
9-89

Location

Loc Qty

Loc Code

ST062

46

141477

5

142705

1

145690

40

2

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DQA: _____ Date: _____



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Work Order ID: 147657

147657

Parent Item: D4272-011

D4272-011

Parent Item Name: Basket Assembly, Heavy Duty Lid, LH

Start Date: 6/22/2016

Required Date: 6/24/2016

Start Qty: 1.00

Required Qty: 1.00

D3953-19 Manufactured No

Each

14.0000

1

D3953-19

Gas Spring Bracket

**

145653

DAS

OCT 17 2016

6

9-89

Location

Loc Qty

Loc Code

ST062

14

138913

14

D3953-21 Manufactured No

Each

6.0000

1

D3953-21

Gas Spring Bracket

**

145806

DAS

OCT 17 2016

6

9-89

Location

Loc Qty

Loc Code

ST063

6

139553

2

141546

4

D3969-3 Manufactured No

Each

26.0000

1

D3969-3

Spring (Basket Lid)

**

OCT 17 2016

DAS

6

9-89

Location

Loc Qty

Loc Code

ST365

26

143820

6

144499

20

D4021-5 Manufactured No

Each

15.0000

1

D4021-5

Blanking Plate

**

149629

DAS

OCT 17 2016

6

9-89

Location

Loc Qty

Loc Code

ST071

15

142656

14

177489bk

1

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Misidentified ☐	Past Due ☐																																																																

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Work Order ID: 147657

147657

Parent Item: D4272-011

D4272-011

Parent Item Name: Basket Assembly, Heavy Duty Lid, LH

Start Date: 6/22/2016

Required Date: 6/24/2016

Start Qty: 1.00

Required Qty: 1.00

D4150-041

Manufactured No

Each

10.0000

1

D4150-041

**

147424 OCT 17 2016

DAS
6
9-89

Attachment Arm Assembly

Location

Loc Qty

Loc Code

ST087

7

143344

4

143345

3

ST090A

3

145783

3

D4151-041

Manufactured No

Each

10.0000

1

D4151-041

**

147290 OCT 17 2016

DAS
6
9-89

Basket Fwd Hardpoint Assembly, Lower

Location

Loc Qty

Loc Code

ST0087

4

143336

4

ST087

2

143335

2

ST090A

4

145589

4

D4151-043

Manufactured No

Each

12.0000

1

D4151-043

**

146061 OCT 17 2016

DAS
6
9-89

Basket Fwd Hardpoint Assembly, Upper

Location

Loc Qty

Loc Code

ST088

3

143358

3

ST090A

9

143359

4

146060

5

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QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval 	
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	

Root Cause				FAULT CATEGORY			
Environment ☐	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐
Design ☐	☐	Operator	☐	Bending	☐	Set-up	☐
Doc/Data ☐	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐
Equip/Tooling ☐	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐
Handling/Pre ☐	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐
Material ☐	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐
Internal Transport ☐	☐	Poor Information	☐	Crushing	☐	Countersink	☐
Tribal Knowledge ☐	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐
LOA ☐	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐
Substation ☐	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐
Past Expiry Date ☐	☐	Manufacturing Process	☐	OTHER :			
Misidentified ☐	☐	Past Due	☐				

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Work Order ID: 147657

147657

Parent Item: D4272-011

D4272-011

Parent Item Name: Basket Assembly, Heavy Duty Lid, LH

Start Date: 6/22/2016

Required Date: 6/24/2016

Start Qty: 1.00

Required Qty: 1.00

AN3-10A Purchased No

Each 246.0000 3

AN3-10A

Bolt

**

OCT 17 2016 DAS
6
9-89

Location	Loc Qty	Loc Code
GA	29	
m132763	1	
m134573	28	
over003	100	
m134943 4	100	
ST349	117	
m134249	56	
m134754	61	

3

AN3-14A Purchased No

Each 101.0000 4

AN3-14A

Bolt

**

OCT 17 2016 DAS
6
9-89

Location	Loc Qty	Loc Code
over003	80	
m134634	50	
m134852	30	
ST349	21	
m134360	21	

4

AN4-12 Purchased No

Each 67.0000 3

AN4-12

Bolt

**

OCT 17 2016 DAS
6
9-8

Location	Loc Qty	Loc Code
ST344	67	
m133988	2	
m134370	40	
m134738	25	

3

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Page 7

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		OTHER : _____					

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Page 8

Work Order ID: 147657

147657

Parent Item: D4272-011

D4272-011

Parent Item Name: Basket Assembly, Heavy Duty Lid, LH

Start Date: 6/22/2016

Required Date: 6/24/2016

Start Qty: 1.00

Required Qty: 1.00

AN4-13A Purchased No

Each 738.0000 6

AN4-13A

Bolt

**

135420

OCT 17 2016

DAS
6
9-89

Location	Loc Qty	Loc Code
FG	20	
122808	20	
GA	60	
m134167	36	
m134634	24	
over003	500	
m134852	400	
m134943	100	
ST344	158	
m134754	158	

AN4C15 Purchased No

Each 39.0000 1

AN4C15

Bolt

**

135046

OCT 17 2016
DAS
6
9-89

Location	Loc Qty	Loc Code
over003	32	
M1134567	20	
M134257	12	
ST343	7	
M133694	7	

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____	
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

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Work Order ID: 147657

147657

Parent Item: D4272-011

D4272-011

Parent Item Name: Basket Assembly, Heavy Duty Lid, LH

Start Date: 6/22/2016

Required Date: 6/24/2016

Start Qty: 1.00

Required Qty: 1.00

AN5-17A

Purchased

No

Each

143.0000

4

AN5-17A

Bolt

**

OCT 17 2016

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

29

117872

29

over003

75

m134762

75

ST337

39

m134606

39

AN310-4

Purchased

No

Each

99.0000

3

AN310-4

Nut

**

135442

OCT 17 2016

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

25

M127815

25

OVER007

50

M134762

50

ST331

24

M133990

4

M134180

20

AN310C4

Purchased

No

Each

91.0000

3

AN310C4

Nut

**

DAS
6
9-89

OCT 17 2016

Location

Loc Qty

Loc Code

OVER007

80

M134370

30

M134762

50

ST331

11

M133990

11

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____	
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : _____							

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Work Order ID: 147657

147657

Parent Item: D4272-011

D4272-011

Parent Item Name: Basket Assembly, Heavy Duty Lid, LH

Start Date: 6/22/2016

Required Date: 6/24/2016

Start Qty: 1.00

Required Qty: 1.00

MS20600-AD4W3

Purchased

No

Each

330.0000

2

MS20600-AD4W3

**

Cherry Rivets

OCT 17 2016

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

160

m129795

160

ST308

86

m134167

86

WA003

84

m130018

84

MS21042L3

Purchased

No

Each

1,895.000

9

MS21042L3

**

Nut

135600

OCT 17 2016

DAS
6
9-89

Location

Loc Qty

Loc Code

FP001

44

m133790

44

GA

269

m133790

3

m134360

266

OVER007

600

m134754

600

ST303

982

m134039

12

m134634

170

m134943

800

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		OTHER : _____					

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Work Order ID: 147657

147657

Parent Item: D4272-011

D4272-011

Parent Item Name: Basket Assembly, Heavy Duty Lid, LH

Start Date: 6/22/2016

Required Date: 6/24/2016

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

Each

1,818.000

6

MS21042L 4

**

135603

Locknut

OCT 17 2016

Location

Loc Qty

Loc Code

GA

181

m133769

181

OVER007

1000

m134861

1000

ST303

543

m134762

543

ST305

94

m130922

94

MS21042L5

Purchased

No

Each

433.0000

4

MS21042L 5

**

135297

Nut

OCT 17 2016

Location

Loc Qty

Loc Code

GA

95

m127813

95

OVER007

100

m134509

100

ST303

238

m134055

6

m134676

32

m134762

200

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DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval 	
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	

Root Cause				FAULT CATEGORY						
Environment ☐	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong
Design ☐	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions
Doc/Data ☐	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance
Equip/Tooling ☐	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect
Handling/Pre ☐	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing
Material ☐	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved
Internal Transport ☐	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing
Tribal Knowledge ☐	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish
LOA ☐	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread
Substation ☐	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence
Past Expiry Date ☐	☐	Manufacturing Process	☐	OTHER : _____						
Misidentified ☐	☐	Past Due	☐							

Picklist Print

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Work Order ID: 147657

147657

Parent Item: D4272-011

D4272-011

Parent Item Name: Basket Assembly, Heavy Duty Lid, LH

Start Date: 6/22/2016

Required Date: 6/24/2016

Start Qty: 1.00

Required Qty: 1.00

MS24665-151

Purchased

No

Each

114.0000

4

MS24665-151

**

135274

Cotter Pin

OCT 17 2016

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

64

m128401

64

ST289

50

m134294

50

MS24665-300

Purchased

No

Each

52.0000

2

MS24665-300

**

135040

COTTER PIN

OCT 17 2016

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

28

118234

28

ST288

24

m134738

24

NAS1149DN832J

Purchased

No

Each

997.0000

2

NAS1149DN832.J

**

135257

Washer

OCT 17 2016

DAS
6
9-89

Location

Loc Qty

Loc Code

CA

84

M129499

84

ST265

913

M134180

913

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____	
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Picklist Print

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Work Order ID: 147657

147657

Parent Item: D4272-011

D4272-011

Parent Item Name: Basket Assembly, Heavy Duty Lid, LH

Start Date: 6/22/2016

Required Date: 6/24/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0332P

Purchased

No

Each

1,915.000

14

NAS1149F0332P

**

135544

Washer

OCT 17 2016

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

312

m133709

312

ST262

1603

m134257

37

m134676

1566

NAS1149C0432R

Purchased

No

Each

1,357.000

2

NAS1149C0432R

**

135544

WASHER

OCT 17 2016

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

1272

m125807

427

m134676

845

ST266

85

m134073

85

NAS1149F0432P

Purchased

No

Each

988.0000

18

NAS1149F0432P

**

134955

WASHER

OCT 17 2016

DAS
6
9-89

Location

Loc Qty

Loc Code

ST262

867

M134502

867

st268

121

M132677

121

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval 	
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	

Root Cause				FAULT CATEGORY						
Environment ☐	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong
Design ☐	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions
Doc/Data ☐	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance
Equip/Tooling ☐	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect
Handling/Pre ☐	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing
Material ☐	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved
Internal Transport ☐	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing
Tribal Knowledge ☐	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish
LOA ☐	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread
Substation ☐	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence
Past Expiry Date ☐	☐	Manufacturing Process	☐	OTHER :						
Misidentified ☐	☐	Past Due	☐							

Picklist Print

Wednesday, June 08, 2016 2:50:10 PM

Page 14

Work Order ID: 147657

147657

Parent Item: D4272-011

D4272-011

Parent Item Name: Basket Assembly, Heavy Duty Lid, LH

Start Date: 6/22/2016

Required Date: 6/24/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149C0463R

Purchased

No

Each

315.0000

3

NAS1149C0463R

Washer

**

135672

DAS

6

9-89

OCT 17 2016

Location

Loc Qty

Loc Code

FP001

70

m127306

70

ST260a

200

m134167

200

3

ST266

45

m133077

45

NAS1149F0563P

Purchased

No

Each

254.0000

4

NAS1149F0563P

Washer

**

OCT 17 2016

DAS

6

9-8

Location

Loc Qty

Loc Code

ST261

54

m133515

54

ST262

200

m134852

200

4

NAS1515H4L

Purchased

No

Each

263.0000

2

***NAS1515H4I ***

Washer

**

130460

OCT 17 2016

DAS

6

9-8

Location

Loc Qty

Loc Code

FG

23

103691

3

m132189

20

ST260

240

m133483

140

m134376

100

Wednesday, June 08, 2016 2:50:10 PM

Shop Packet Print

Page 14

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

Picklist Print

Wednesday, June 08, 2016 2:50:10 PM

Page 15

Work Order ID: 147657

147657

Parent Item: D4272-011

D4272-011

Parent Item Name: Basket Assembly, Heavy Duty Lid, LH

Start Date: 6/22/2016

Required Date: 6/24/2016

Start Qty: 1.00

Required Qty: 1.00

MS17984-C413

Purchased

No

Each

52.0000

2

MS17984-C413

**

Quick Release Pin

Location

Loc Qty

Loc Code

over005

40

145506

10

147086

10

m13462710

10

m134664

10

ST316

12

m134052

2

m134528

10

DAS
6
9-89

OCT 17 2016

2

Wednesday, June 08, 2016 2:50:10 PM

Shop Packet Print

Page 15

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

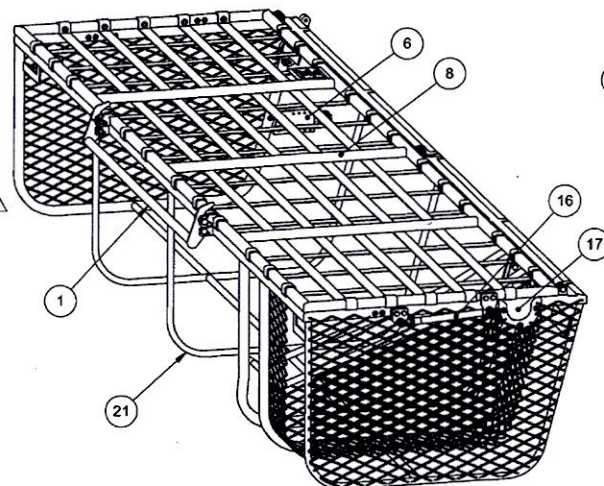
Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

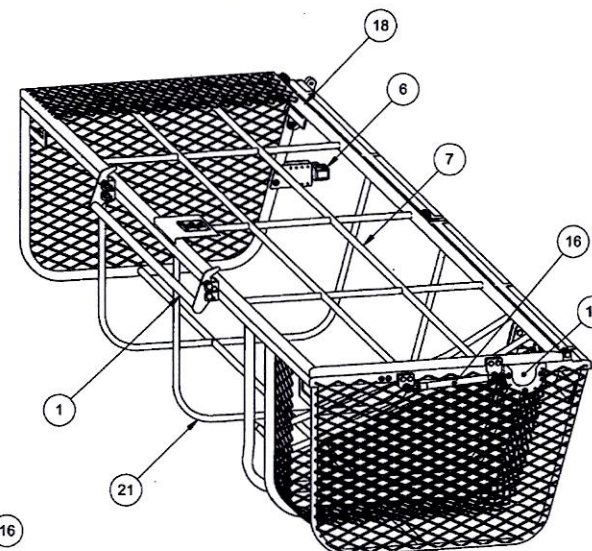
ITEM	QTY -011	QTY -012	QTY -013	QTY -014	PART NUMBER	DESCRIPTION
					D4272-011	BASKET ASSY, HEAVY DUTY LID, LH
					D4272-012	BASKET ASSY, HEAVY DUTY LID, RH
					D4272-013	BASKET ASSY, LIGHTWEIGHT LID, LH
					D4272-014	BASKET ASSY, LIGHTWEIGHT LID, RH
1	1	1	1	1	D2530	HANDLE WELDMENT
2	2	2	2	2	D2535	SPRING
3	2	2	2	2	D2537	BUSHING
4	2	2	2	2	D2690-6	LANYARD
5	2	2	2	2	D2931	BUMPER
6	1	1	1	1	D3912-041	EYEBOLT RECEIVER ASSY
7	1	1			D3914-041	BASKET LID ASSY
8			1	1	D3915-041	LIGHT LID ASSY
9	6	6	6	6	D3917-3	WASHER
10	2	2	2	2	D3953-3	GAS SPRING STUD, LID
11	2	2	2	2	D3953-7	GAS SPRING SPACER
12	2	2	2	2	D3953-9	GAS SPRING WASHER
13	2	2	2	2	D3953-17	GAS SPRING SPACER
14	1	1	1	1	D3953-19	GAS SPRING BRACKET
15	1	1	1	1	D3953-21	GAS SPRING BRACKET
16	1	1	1	1	D3969-3	GAS SPRING
17	1	1	1	1	D4021-5	BLANKING PLATE
18	1	1	1	1	D4150-041	ATTACHMENT ARM ASSY
19	1	1	1	1	D4151-041	BASKET HARDPOINT ASSY (LOWER)
20	1	1	1	1	D4151-043	BASKET HARDPOINT ASSY (UPPER)
21	1				D4273-041	BASKET BASE ASSY, LH
22		1		1	D4273-042	BASKET BASE ASSY, RH
23	1	1			D4307-250	PLACARD, MAX LOAD
24			1	1	D4307-265	PLACARD, MAX LOAD
25	3	3	3	3	AN3-10A	BOLT
26	4	4	4	4	AN3-14A	BOLT
27	2	2			AN3-16A	BOLT
28			2	2	AN3-20A	BOLT
29	3	3	3	3	AN4-12	BOLT
30	6	6	6	6	AN4-13A	BOLT
31	1	1	1	1	AN4C15	BOLT
32	4	4	2	2	AN5-17A	BOLT
33			2	2	AN5-21A	BOLT
34	3	3	3	3	AN310-4	NUT, CASTELLATED
35	3	3	3	3	AN310C4	NUT, CASTELLATED
36	2	2	2	2	MS17984-C413	QUICK RELEASE PIN
37	2	2	2	2	MS20600AD4W3	RIVET
38	9	9	9	9	MS21042L3	NUT
39	6	6	6	6	MS21042L4	NUT
40	4	4	4	4	MS21042L5	NUT
41	4	4	4	4	MS24665-151	COTTER PIN
42	2	2	2	2	MS24665-300	COTTER PIN
43	2	2	2	2	NAS1149DN832J	WASHER (ALT: AN960JD8)
44	14	14	14	14	NAS1149F0332P	WASHER
45	2	2	2	2	NAS1149C0432R	WASHER
46	18	18	18	18	NAS1149F0432P	WASHER
47	3	3	3	3	NAS1149C0463R	WASHER
48	4	4	4	4	NAS1149F0563P	WASHER
50	4	4	4	4	97447A010	BLIND RIVET, PAN HEAD

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: -011/-012: 73 lbs APPROX
-013/-014: 58 lbs APPROX



D4272-013 BASKET ASSY, LIGHTWEIGHT LID, LH (SHOWN)
D4272-014 BASKET ASSY, LIGHTWEIGHT LID, RH (OPPOSITE)
(MESH SHOWN LOCALLY FOR CLARITY)



D4272-011 BASKET ASSY, HEAVY DUTY LID, LH (SHOWN)
D4272-012 BASKET ASSY, HEAVY DUTY LID, RH (OPPOSITE)
(MESH SHOWN LOCALLY FOR CLARITY)

RELEASED

2015 MAR 30
A.R. ENIS-SSO

D	ADDED D4307-250/-265 & 97447A010 (ZN C6-1, A6-1, C5-2)	RF	15.03.24
C	UPDATED D4273-041/-042 BASKET BASE ASSY; CHANGED LOCATION OF GAS SPRING MOUNTING BRACKET; UPDATED SECTION F-F	SC	10.12.23
B	RMV ITEM 23,25 (WEDGE); ITEM 38 QTY(-2); ITEM 44 QTY (-4) (B6-1); RMV D2537 FROM SECTION C-C (TYPO, D3-3)	CP	10.11.30
A	NEW ISSUE	SC	10.11.25
REV.	DESCRIPTION	BY	DATE
DESIGN	JPH	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	VS	DRAWING NO.	REV. D
MFG. APPR.	DD	D4272	SHEET 1 OF 3
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	BASKET ASSY	NTS
DATE	15.03.24	COPYRIGHT © 2010 BY DART AEROSPACE LTD	
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

DQA: _____ Date: _____

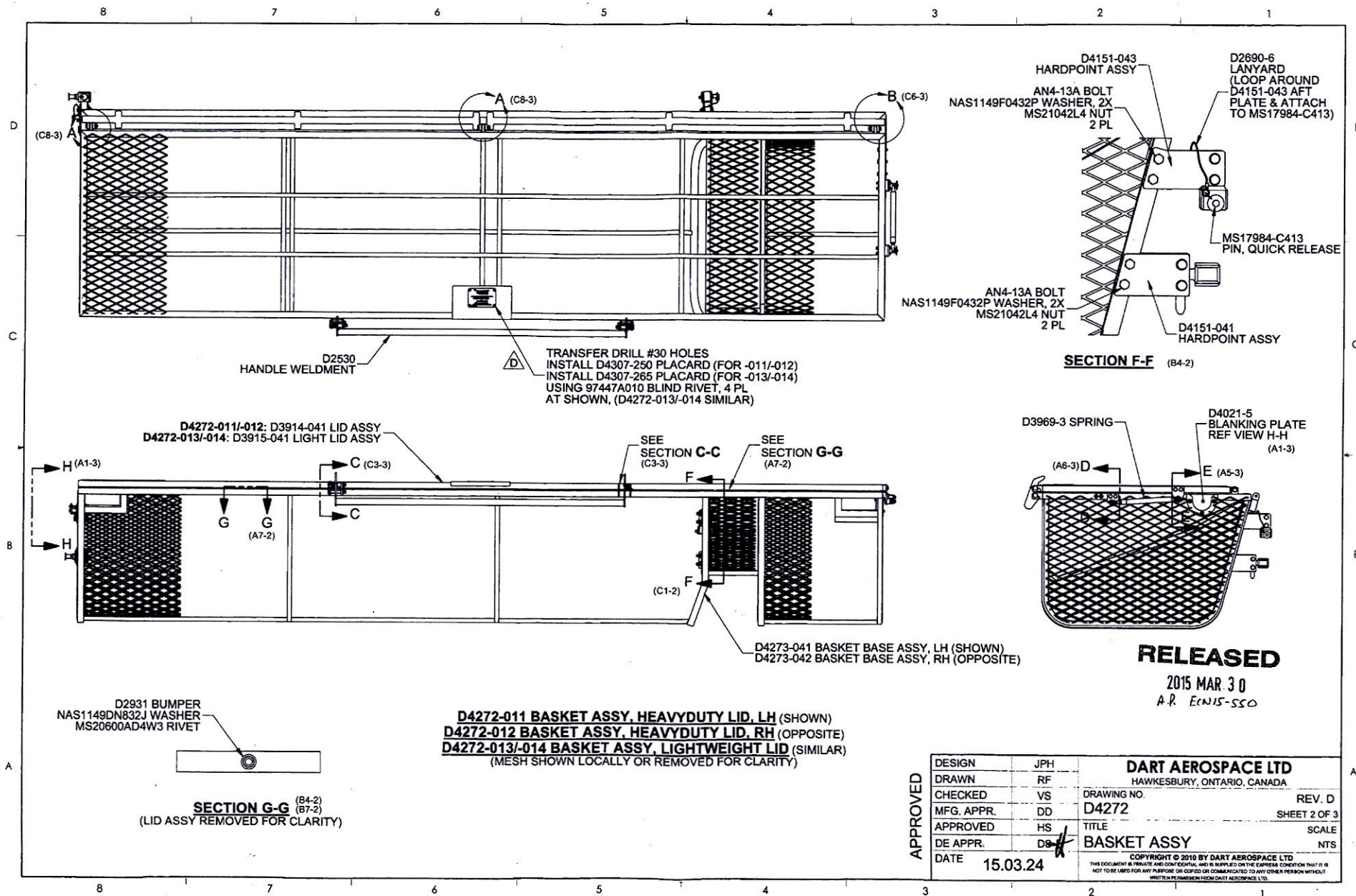


WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐		FAULT CATEGORY Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		OTHER : ☐			



DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

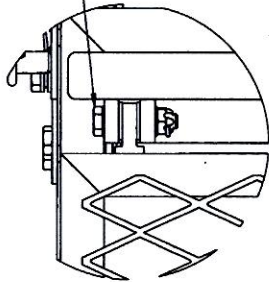
QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
							Completed By		
							Lead hand / Supervisor Approval Verification		
							QC / QA Coordinator Approval		

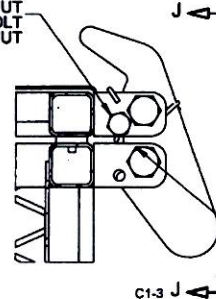
Root Cause				FAULT CATEGORY			
Environment ☐	☐	No Re-verification ☐	☐	Pressure/Forced ☐	☐	Temperature/Cure ☐	☐
Design ☐	☐	Operator ☐	☐	Bending ☐	☐	Set-up ☐	☐
Doc/Data ☐	☐	Offset/Setup ☐	☐	Centre Not Concentric ☐	☐	BOM/Route ☐	☐
Equip/Tooling ☐	☐	Supplier ☐	☐	Cracks ☐	☐	Broken/Damage/Defect ☐	☐
Handling/Pre ☐	☐	Training ☐	☐	Crimp/Kink/Ripple/Wave ☐	☐	Inspection Incomplete/Unqualified ☐	☐
Material ☐	☐	Use for Testing ☐	☐	Cuffs ☐	☐	Contamination ☐	☐
Internal Transport ☐	☐	Poor Information ☐	☐	Crushing ☐	☐	Countersink ☐	☐
Tribal Knowledge ☐	☐	Rushing ☐	☐	Heat Treat ☐	☐	Cut Too Short ☐	☐
LOA ☐	☐	Product Improvement ☐	☐	Wave/Twist in Tube ☐	☐	Instructions Incomplete/Unclear ☐	☐
Substation ☐	☐	Process Improvement ☐	☐	Marks/Chatter ☐	☐	Drill Holes ☐	☐
Past Expiry Date ☐	☐	Manufacturing Process ☐	☐	OTHER : _____			
Misidentified ☐	☐	Past Due ☐	☐				

AN4-12 BOLT
D3917-3 WASHER, 2X
NAS1149F0432P WASHER, 2X
AN310-4 NUT, CASTELLATED
MS24665-151 COTTER PIN



DETAIL A (D8-2)
(D6-2)

D4272-011/-012: AN3-16A BOLT
MS21042L3 NUT
D4272-013/-014: AN3-20A BOLT
MS21042L3 NUT



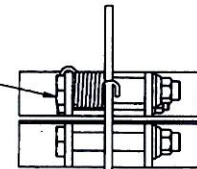
SECTION C-C (B5-2)
(B7-2)

D4272-011/-012: AN5-17A BOLT
D2537 BUSHING
D2535 SPRING
NAS1149F0563P WASHER
MS21042L5 NUT

D4272-013/-014: AN5-21A BOLT
D2537 BUSHING
D2535 SPRING
NAS1149F0563P WASHER
MS21042L5 NUT

AN5-17A BOLT
NAS1149F0563P WASHER
MS21042L5 NUT

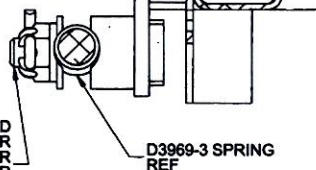
D2530
HANDLE WELDMENT
REF



VIEW J-J C3-3

D3953-17 GAS SPRING SPACER
D3953-21 GAS SPRING BRACKET

AN3-14A BOLT
NAS1149F0332P WASHER, 2X
MS21042L3 NUT
2 PL



SECTION D-D (B2-2)

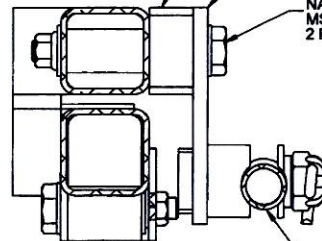
D3953-3 GAS SPRING STUD, LID
D3953-7 GAS SPRING SPACER
D3953-9 GAS SPRING SPACER
NAS1149C0432R WASHER
AN310C4 NUT, CASTELLATED
MS24665-300 COTTER PIN

D3969-3 SPRING
REF

D3953-17 GAS SPRING SPACER

D3953-19 GAS SPRING BRACKET

AN3-14A BOLT
NAS1149F0332P WASHER, 2X
MS21042L3 NUT
2 PL



SECTION E-E (B1-2)

D3953-3 GAS SPRING STUD, LID
D3953-7 GAS SPRING SPACER
D3953-9 GAS SPRING SPACER
NAS1149C0432R WASHER
AN310C4 NUT, CASTELLATED
MS24665-300 COTTER PIN

D3969-3 SPRING
REF

AN3-10A BOLT
NAS1149F0332P WASHER, 2X
MS21042L3 NUT
3 PL

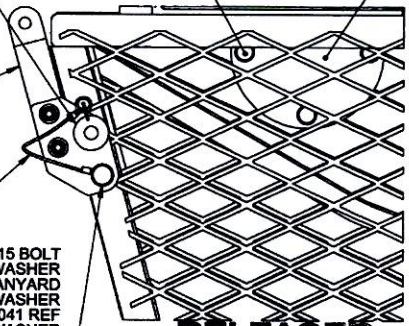
MS17984-C413
PIN, QUICK RELEASE

D4150-041
ARM ASSY

D2690-6
LANYARD
(ATTACH TO
MS17984-C413)

AN4C15 BOLT
NAS1149C0463R WASHER
D2690-6 LANYARD
NAS1149C0463R WASHER
D4150-041 REF
NAS1151H4L WASHER
BASKET BASE, REF
NAS1151H4L WASHER
D4150-041 REF
NAS1149C0463R WASHER
AN310C4 CASTELLATED NUT
MS24665-151 COTTER PIN

D4021-5
BLANKING PLATE
REF



RELEASED

2015 MAR 30
A.P. ECH 15-550

VIEW H-H (B8-2)

APPROVED

DESIGN	JPH
DRAWN	RF
CHECKED	VS
MFG. APPR.	DD
APPROVED	HS
DE APPR.	DS
DATE	15.03.24

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D4272	REV. D SHEET 3 OF 3
TITLE BASKET ASSY	SCALE NTS
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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment ☐		No Re-verification ☐		Pressure/Forced ☐		Temperature/Cure ☐	
Design ☐		Operator ☐		Bending ☐		Set-up ☐	
Doc/Data ☐		Offset/Setup ☐		Centre Not Concentric ☐		BOM/Route ☐	
Equip/Tooling ☐		Supplier ☐		Cracks ☐		Broken/Damage/Defect ☐	
Handling/Pre ☐		Training ☐		Crimp/Kink/Ripple/Wave ☐		Inspection Incomplete/Unqualified ☐	
Material ☐		Use for Testing ☐		Cuffs ☐		Contamination ☐	
Internal Transport ☐		Poor Information ☐		Crushing ☐		Countersink ☐	
Tribal Knowledge ☐		Rushing ☐		Heat Treat ☐		Cut Too Short ☐	
LOA ☐		Product Improvement ☐		Wave/Twist in Tube ☐		Instructions Incomplete/Unclear ☐	
Substation ☐		Process Improvement ☐		Marks/Chatter ☐		Drill Holes ☐	
Past Expiry Date ☐		Manufacturing Process ☐		OTHER :			
Misidentified ☐		Past Due ☐					